Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD    If a continuation   Divisional   Continuation-in-part (CIP)   of prior application No.:	Express Mail Label No.	
Total Pages in this Submission 66  TO THE ASSISTANT COMMISSIONER FOR PATENTS  Box Patent Application Washington, D.C. 20231  Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utility patent application for an invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  MICHAEL O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:  Philogophical Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:  Continuation   Divisional   Continuation-in-part (CIP) of prior applica		Docket No.
TO THE ASSISTANT COMMISSIONER FOR PATENTS  Box Patent Application Washington, D.C. 20231  Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utility patent application for an invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  MIGHAEI O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Application Elements  1. Specification having 1 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Microfische Appendix (if applicable) e. Background of the Invention f. Brief Summary of the Invention g. Brief Summary of the Invention i. Claim(s) as Classified Below	(Large Entity)	Total Bassa in this Submission
Box Patent Application Washington, D.C. 20231  Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utility patent application for an invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  and invented by:  Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert  D. HEROLD	Only for new nonprovisional applications under 37 CFR 1.53(b))	
Box Patent Application Washington, D.C. 20231  Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utility patent application for an invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  and invented by:  Mighael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert  D. HEROLD	TO THE ASSISTANT COMMISSIONER FOR PATENTS	
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utility patent application for an invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  and invented by:  Mighael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D.HEROLD  Application   Divisional   Continuation-in-part (CIP) of prior application No.:    Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:		
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utility patent application for an invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  MIGHAEI O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior of prior application No.:  Prior of prior application No.:  Application Elements  1. Sepecification having 61 pages and including the following:  a. Descriptive Title of the Invention  b. Cross References to Related Applications (if applicable)  c. Statement Regarding Federally-sponsored Research/Development (if applicable)  d. Reference to Microfische Appendix (if applicable)  e. Secription of the Drawings (if drawings filed)  h. Detailed Description  i. Claim(s) as Classified Below		
and invention entitled:  METHOD OF PREPARING AN OPTICAL POLYMERIZATE  and invented by:  Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD	<u> </u>	
and invented by:  Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD  If a continuation   Divisional   Continuation-in-part (CIP) of prior application No.:  Which is a:    Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:  Which is a:    Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:    Which is a:    Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:    Enclosed are:    Application Elements   Filing fee as calculated and transmitted as described below:   Specification having 61   pages and including the following:   a. ② Descriptive Title of the Invention   b. ② Cross References to Related Applications (if applicable)   c. □ Statement Regarding Federally-sponsored Research/Development (if applicable)   d. □ Reference to Microfische Appendix (if applicable)   e. ② Background of the Invention   g. □ Brief Description of the Drawings (if drawings filed)   h. ② Detailed Description   i. ② Claim(s) as Classified Below	Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 (b) is a new utilit an invention entitled:	y patent application fo
Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D.HEROLD    Gontinuation	METHOD OF PREPARING AN OPTICAL POLYMERIZATE	33.v
Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D.HEROLD   HEROLD		.69.
Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD    If a continuation   Divisional   Continuation-in-part (CIP)   of prior application No.:		950
Michael O. OKOROAFOR, Robert A. SMITH, Rifat TABAKOVIC, Marvin J. GRAHAM, Robert D. HEROLD    If a continuation   Divisional   Continuation-in-part (CIP)   of prior application No.:	and invented by:	
D. HEROLD		CDAHAM Debort
If a continuation   Divisional   Continuation-in-part (CIP) of prior application No.:   Continuation   Divisional   Continuation-in-part		. GRADAW, Robert
□ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. ☑ Filing fee as calculated and transmitted as described below:  2. ☑ Specification having <u>61</u> pages and including the following:  a. ☑ Descriptive Title of the Invention  b. ☑ Cross References to Related Applications (if applicable)  c. □ Statement Regarding Federally-sponsored Research/Development (if applicable)  d. □ Reference to Microfische Appendix (if applicable)  e. ☑ Background of the Invention  f. ☑ Brief Summary of the Invention  g. □ Brief Description of the Drawings (if drawings filed)  h. ☑ Claim(s) as Classified Below	in the state of th	
□ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Enclosed are:  □ Application Elements  1. ☑ Filing fee as calculated and transmitted as described below:  2. ☑ Specification having <u>61</u> pages and including the following:  □ a. ☑ Descriptive Title of the Invention  □ b. ☑ Cross References to Related Applications (if applicable)  □ Continuation □ Of prior application No.:  □ Application No.:  □ Application Elements  1. ☑ Cross References  □ Application Elements  □ Application Elements  □ Application No.:  □ Specification No.:  □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Application No.:  □ Cipror application No.:  □ Application No.:  □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Application No.:  □ Application Elements  □ Application Elements  □ Application Elements  □ Application No.:  □ Application Picture No.:  □ Application No.:  □ Applicatio	The second secon	
□ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Enclosed are:  □ Application Elements  1. ☑ Filing fee as calculated and transmitted as described below:  2. ☑ Specification having <u>61</u> pages and including the following:  □ a. ☑ Descriptive Title of the Invention  □ b. ☑ Cross References to Related Applications (if applicable)  □ Continuation □ Of prior application No.:  □ Application No.:  □ Application Elements  1. ☑ Cross References  □ Application Elements  □ Application Elements  □ Application No.:  □ Specification No.:  □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Application No.:  □ Cipror application No.:  □ Application No.:  □ Divisional □ Continuation-in-part (CIP) of prior application No.:  □ Application No.:  □ Application Elements  □ Application Elements  □ Application Elements  □ Application No.:  □ Application Picture No.:  □ Application No.:  □ Applicatio	If a CONTINUATION APPLICATION, check appropriate box and supply the requisite inform	mation:
□ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:   □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:   Enclosed are: Application Elements   1. ☑ Filing fee as calculated and transmitted as described below:   2. ☑ Specification having61 pages and including the following:   a. ☑ Descriptive Title of the Invention   b. ☑ Cross References to Related Applications (if applicable)   c. □ Statement Regarding Federally-sponsored Research/Development (if applicable)   d. □ Reference to Microfische Appendix (if applicable)   e. ☑ Background of the Invention   f. ☑ Brief Summary of the Invention   g. □ Brief Description of the Drawings (if drawings filed)   h. ☑ Detailed Description   i. ☑ Claim(s) as Classified Below		
Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. Seriling fee as calculated and transmitted as described below:  2. Specification having 61 pages and including the following:  a. Descriptive Title of the Invention  b. Cross References to Related Applications (if applicable)  c. Statement Regarding Federally-sponsored Research/Development (if applicable)  d. Reference to Microfische Appendix (if applicable)  e. Background of the Invention  f. Brief Summary of the Invention  g. Brief Description of the Drawings (if drawings filed)  h. Detailed Description  i. Claim(s) as Classified Below	Which is a:	
□ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:    Enclosed are:   Application Elements	☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application	n No.:
Application Elements  1.  Filing fee as calculated and transmitted as described below:  2.  Specification having61 pages and including the following:  a.  Descriptive Title of the Invention  b.  Cross References to Related Applications (if applicable)  c.  Statement Regarding Federally-sponsored Research/Development (if applicable)  d.  Reference to Microfische Appendix (if applicable)  e.  Background of the Invention  f.  Brief Summary of the Invention  g.  Brief Description of the Drawings (if drawings filed)  h.  Detailed Description  i.  Claim(s) as Classified Below	Which is a.	
Application Elements  1.  Filing fee as calculated and transmitted as described below:  2.  Specification having 61 pages and including the following:  a.  Descriptive Title of the Invention  b.  Cross References to Related Applications (if applicable)  c.  Statement Regarding Federally-sponsored Research/Development (if applicable)  d.  Reference to Microfische Appendix (if applicable)  e.  Background of the Invention  f.  Brief Summary of the Invention  g.  Brief Description of the Drawings (if drawings filed)  h.  Detailed Description  i.  Claim(s) as Classified Below	☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application	n No.:
1. ☑ Filing fee as calculated and transmitted as described below: 2. ☑ Specification having 61 pages and including the following: a. ☑ Descriptive Title of the Invention b. ☑ Cross References to Related Applications (if applicable) c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable) d. ☐ Reference to Microfische Appendix (if applicable) e. ☑ Background of the Invention f. ☑ Brief Summary of the Invention g. ☐ Brief Description of the Drawings (if drawings filed) h. ☑ Detailed Description i. ☑ Claim(s) as Classified Below	Enclosed are:	
2. ☑ Specification having 61 pages and including the following:  a. ☑ Descriptive Title of the Invention  b. ☑ Cross References to Related Applications (if applicable)  c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)  d. ☐ Reference to Microfische Appendix (if applicable)  e. ☒ Background of the Invention  f. ☒ Brief Summary of the Invention  g. ☐ Brief Description of the Drawings (if drawings filed)  h. ☒ Detailed Description  i. ☒ Claim(s) as Classified Below	Application Elements	
<ul> <li>a. ☑ Descriptive Title of the Invention</li> <li>b. ☑ Cross References to Related Applications (if applicable)</li> <li>c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)</li> <li>d. ☐ Reference to Microfische Appendix (if applicable)</li> <li>e. ☒ Background of the Invention</li> <li>f. ☒ Brief Summary of the Invention</li> <li>g. ☐ Brief Description of the Drawings (if drawings filed)</li> <li>h. ☒ Detailed Description</li> <li>i. ☒ Claim(s) as Classified Below</li> </ul>	1. 区 Filing fee as calculated and transmitted as described below:	
<ul> <li>b. ⊠ Cross References to Related Applications (if applicable)</li> <li>c. □ Statement Regarding Federally-sponsored Research/Development (if applicable)</li> <li>d. □ Reference to Microfische Appendix (if applicable)</li> <li>e. ☒ Background of the Invention</li> <li>f. ☒ Brief Summary of the Invention</li> <li>g. □ Brief Description of the Drawings (if drawings filed)</li> <li>h. ☒ Detailed Description</li> <li>i. ☒ Claim(s) as Classified Below</li> </ul>	2. 区 Specification having <u>· 61</u> pages and including the following:	
<ul> <li>c. □ Statement Regarding Federally-sponsored Research/Development (if applicable)</li> <li>d. □ Reference to Microfische Appendix (if applicable)</li> <li>e. ☒ Background of the Invention</li> <li>f. ☒ Brief Summary of the Invention</li> <li>g. □ Brief Description of the Drawings (if drawings filed)</li> <li>h. ☒ Detailed Description</li> <li>i. ☒ Claim(s) as Classified Below</li> </ul>	a. 🗵 Descriptive Title of the Invention	
<ul> <li>d. □ Reference to Microfische Appendix (if applicable)</li> <li>e. 図 Background of the Invention</li> <li>f. 図 Brief Summary of the Invention</li> <li>g. □ Brief Description of the Drawings (if drawings filed)</li> <li>h. 図 Detailed Description</li> <li>i. 図 Claim(s) as Classified Below</li> </ul>	b.   Cross References to Related Applications (if applicable)	
e. ☑ Background of the Invention  f. ☑ Brief Summary of the Invention  g. ☐ Brief Description of the Drawings (if drawings filed)  h. ☑ Detailed Description  i. ☑ Claim(s) as Classified Below	c.   Statement Regarding Federally-sponsored Research/Development (if applic	able)
<ul> <li>f. ⊠ Brief Summary of the Invention</li> <li>g. □ Brief Description of the Drawings (if drawings filed)</li> <li>h. ☒ Detailed Description</li> <li>i. ☒ Claim(s) as Classified Below</li> </ul>	d. ☐ Reference to Microfische Appendix (if applicable)	
g. □ Brief Description of the Drawings (if drawings filed)  h. ☑ Detailed Description  i. ☑ Claim(s) as Classified Below	e.   Background of the Invention	
h. ☑ Detailed Description i. ☑ Claim(s) as Classified Below	f.   Brief Summary of the Invention	
i. ⊠ Claim(s) as Classified Below	g. ☐ Brief Description of the Drawings (if drawings filed)	
•	h. 🗵 Detailed Description	
•	i. ⊠ Claim(s) as Classified Below	
j. 🗵 Abstract of the Disclosure	j.   Abstract of the Disclosure	•

## UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.

Total Pages in this Submission 66

## **Application Elements (Continued)**

J.	ш	Diawi	ing(s) (when h	ecessary as prescribed t	by 35 USC	113)			
		а. 🗆	Formal	Number of Sheets _	-,				
		b. 🗆	Informal	Number of Sheets _					
4.	X	Oath	or Declaration						
		a. ⊠	Newly execut	ed (original or copy)		Unexe	cuted		
		b. 🗆	Copy from a p	prior application (37 CFR	R 1.63(d)) (fo	or contin	uation/divisional applica	ition only)	
		c.   With Power of Attorney  Without Power of Attorney							
	Hing H &	d. 🗆	<ul> <li>d. □ <u>DELETION OF INVENTOR(S)</u>         Signed statement attached deleting inventor(s) named in the prior application, see         C.F.R. 1.63(d)(2) and 1.33(b).</li> </ul>						
5.	. == z	Incorporation By Reference (usable if Box 4b is checked)  The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6.		Comp	uter Program i	n Microfiche (Appendix)					
7.	П			mino Acid Sequence Sub	omission (if	applicab	ole, all must be included	)	
		a. 🗆	Paper Copy		·			,	
	The state of	b. 🗆	Computer R	eadable Copy (identical	to compute	copy)			
	T H H W War and H W	c. 🗆	Statement V	erifying Identical Paper a	and Compu	ter Read	lable Copy		
				Accompanyir	ng Applica	tion Par	ts		
8.	X	Assignment Papers (cover sheet & document(s))							
9.		37 C.F.R. 3.73(b) Statement (when there is an assignee)							
10.		·							
11.		☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations							
12.		Preliminary Amendment							
13.	X	☑ Acknowledgement postcard							
14.		Certific	ate of Mailing						
			First Class	×	Express	mail (S	pecify Label No.:		
					•	- '			

## UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 1555

Total Pages in this Submission 66

ı		Ар	oplication Elements	, (Continued)			
15. 🗆	·						
16. 🗆							
17. 🗆		endent claim must b	claims of the poe retained for filing poerecalculation a	purposes.)	ore calculating the filing	g fee. (At least one	
			CLAIMS AS FILE				
For_		#Filed	#Allowed	#Extra	Rate	Fee	
Total	l Claims	119	- 20=	99	X \$18.00	1782.00	
Inder	p. Claims	3	- 3=	0	X \$78.00	0	
: <u>-</u>	Multiple Dependent Claims (check if applicable)						
*					Basic Fee	710.00	
:=-}_	r fee (specify	purpose)	Assignment				
					Total Filing Fee	2492.00	
	The Commission as described be Charge	oner is hereby authorelow. A duplicate context the amount of \$24.	to cover the orized to charge and copy of this sheet is e	d credit Deposit Acco			
		any overpayment.					
			g fees required unde				
			1 37 C.F.R, 1.18 at th	ne mailing of the No	otice of Allowance, pur	suant to 37	
	U.F.R.	1.311(b).		1	1		

Carol A. Marmo Registration No. 39,761 Attorney for Applicants Telephone: (412) 434-3797 Facsimile: (412) 434-4292

Date:

October 24, 2000